

4th Grade Fraction Word Problems - Answer Key

4th Grade - fraction word problems with like denominators | 20 minutes

Read each problem. Write the equation, then the answer with its label. Keep the denominator the same.

Example: Ben ate $\frac{2}{8}$ of a pizza and Mia ate $\frac{3}{8}$. How much together? $\frac{2}{8} + \frac{3}{8} = \frac{5}{8}$ of the pizza.

1. Lia walked $\frac{3}{10}$ mile, then $\frac{4}{10}$ mile more. How far in all?

Answer: $\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$ mile

2. A recipe needs $\frac{5}{6}$ cup of flour. You have used $\frac{2}{6}$ cup. How much more is needed?

Answer: $\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$ cup (= $\frac{1}{2}$ cup)

3. Sam read $\frac{4}{12}$ of a book on Monday and $\frac{5}{12}$ on Tuesday. How much in all?

Answer: $\frac{4}{12} + \frac{5}{12} = \frac{9}{12}$ of the book (= $\frac{3}{4}$)

4. A jug had $\frac{7}{8}$ liter of juice. $\frac{3}{8}$ liter was poured out. How much is left?

Answer: $\frac{7}{8} - \frac{3}{8} = \frac{4}{8}$ liter (= $\frac{1}{2}$ liter)

5. Two ribbons are $\frac{2}{5}$ m and $\frac{2}{5}$ m long. What is the total length?

Answer: $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$ meter

6. Of a garden, $\frac{6}{10}$ is flowers and $\frac{2}{10}$ is grass. How much more is flowers than grass?

Answer: $\frac{6}{10} - \frac{2}{10} = \frac{4}{10}$ of the garden (= $\frac{2}{5}$)

Challenge

7. Ava ran $\frac{3}{8}$ mile in the morning and $\frac{4}{8}$ mile at night. How much farther would she go to reach 1 whole mile?

Answer: $\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$, then $\frac{8}{8} - \frac{7}{8} = \frac{1}{8}$ mile

8. Why does the denominator stay the same when adding like fractions?

Answer: Because the pieces are the same size; you are just counting how many pieces in all.